Now showing… Inspection2000

Here's a preview of exhibits and buildings open to Inspection2000 visitors...

Building 2

Listen to daily presentations in the Teague Auditorium featuring keynote speakers such as Astronauts John Young, Dave Williams and Franklin Chang-Díaz. Additional exhibits will also be on display here.

Building 5

See how some of JSC's cutting-edge training technologies, such as robotics and virtual reality, are helping to prepare crews for the challenges of space flight. Also inside are the Shuttle Mission Simulator and Space Station Training Facility.

Building 9N

Building 9N showcases the shuttle and International Space Station mockups and trainers. Visitors can also see other JSC robotics and virtual reality technologies being developed to assist flight crew with space flight tasks. Guests can see human tissue growing in a bioreactor's rotating vessel, which mimics zero gravity. Or see the revolutionary new drug delivery system known as microencapsulation.

In this building, visitors can also see exhibits from other centers and field offices such as White Sands Test Facility's Micrometeoroid and Orbital Debris research exhibit.

Visitors can "refuel" in the Paris Café and then embark on guided tours to other JSC sites or catch a bus that will take them to Sonny Carter Training Facility and Ellington Field.

A reception will be held here each evening for Inspection2000 visitors.

Building 9S and 10

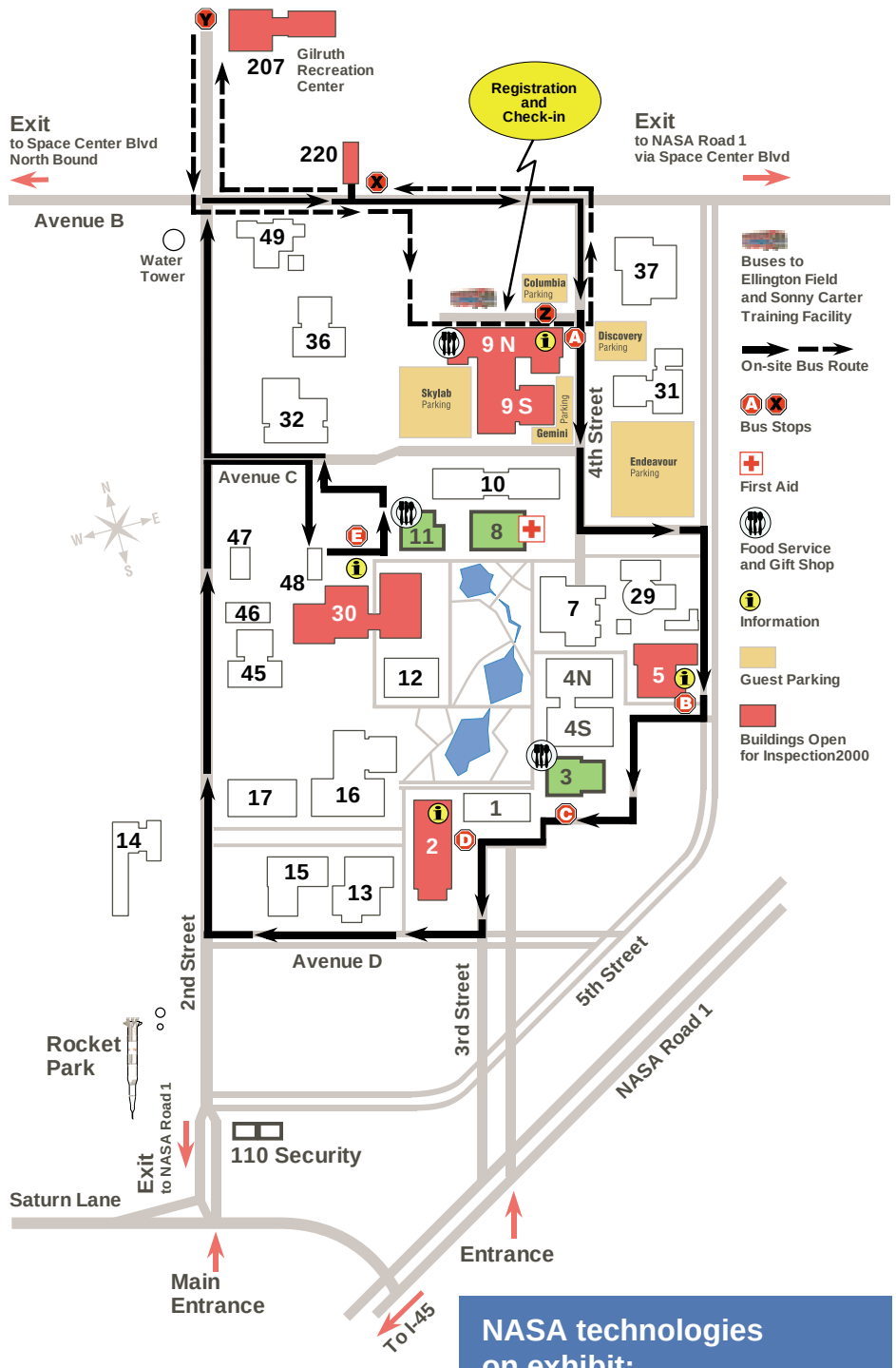
Here visitors can see one of JSC's manufacturing and material technologies including one of our most amazing emerging technologies – carbon nanotubes, which at only 1/16 the weight of steel, offer 10 times more strength.

Building 13

Guests can peruse through a wide range of engineering and technology exhibits highlighting NASA's developing research.

Building 30

Building 30 visitors will get to see JSC's historic landmark when they visit the Apollo Control Center. They also can see the advancements in mission control concepts in the new Mission Control Center and see the latest in our weather forecasting capabilities in the Weather Center. Building 30 also hosts our Telescience Support Center, the Emergency Operations Center and Space Operations Management Office exhibits.



Building 220

The X-38 Crew Return Vehicle, designed by JSC engineers, incorporates some of the most advanced concepts in flight vehicle aerodynamics. Here visitors can see the vehicle and learn more about some of its cutting-edge advancements such as electromechanical actuators. Visitors can also see the revolutionary Laser Tracker, used to develop 3-D surface imaging.

Gilruth Recreation Center

Visitors can walk through time and see just a few of the advancements that have improved our daily lives in the Benefits of Space trailer. Then, walking through the L-shaped International Space Station trailer, they can see what's in store from the orbiting station.

Ellington Field

View JSC's renowned aircraft operations at this on-airport site. Peek into the Super Guppy Aircraft, a one-of-a-kind plane specially designed to transport the extra-large components for the International Space Station. Take a look at the unique cockpit of the Shuttle Training Aircraft that has standard aircraft flight controls on the right and shuttle flight controls on the left side to help train shuttle pilots to land the orbiter. You'll also be able to see the pristine T-38 jets used by astronauts to maintain aviation proficiency and the WB-57 High Altitude Research Aircraft.

NASA technologies on exhibit:

Propulsion, energy systems, human factors, product design and analysis, materials, instrumentation, workflow, networks, automation, environmental, medical, life support, business management, workforce, education, training, robotics, virtual reality, and manufacturing.

Sonny Carter Training Facility

See the world's largest indoor pool, the Neutral Buoyancy Laboratory, which is used to train astronaut crews how to maneuver in low gravity environments. And see the Magnetoplasma Propulsion Lab, where some of JSC's leading edge propulsion research is being conducted that might possibly bring humans to Mars and beyond. ■

Getting around Inspection2000

At Inspection2000 the exhibits will be organized in six centralized building locations, along with exhibits at Ellington Field and Sonny Carter Training Facility (SCTF). Also, new this year are guided bus tours ensuring guests have the opportunity to visit JSC's other unique facilities and labs. Each of the tours will run three times daily each day and will last approximately 90 minutes each. All bus tours will begin and end at Bldg. 9.

Visitors can participate in three different guided tours.

Human Factors Facilities

- B15 – Graphics Research and Analysis Facility and Anthropometry and Biomechanics Facility
- B17 – Food Systems Engineering Facility
- B29 – BioPlex

Testing Facilities Tour

- B14 – Radio Frequency Test Facilities (anechoic and EMI chambers)
- B49 – Vibration and Acoustic Test Facility
- B353 – Energy Systems Test Area (Resource Conversion Test Facility)

Unique Facilities Tour

- B16 – SES
- B32 – Vacuum Chamber and TransHab
- B31 – Lunar Sample Laboratory

Other guided tours (non-bus) are available in or near specific buildings, such as:

- B9NE – Robotics Laboratories (twice a day);
- B10 – Manufacturing Technologies (walking tour from 9S);
- B30 – Original Mission Control Center, Telescience Support Center and new Mission Control Center (every 20 minutes);
- B30 – Emergency Operations Center and Weather Center (every 20 min); and
- SCTF – Magnetoplasma Propulsion Research Lab (every half hour).

Visitors can visit the following sites at their own pace.

- B5 – Shuttle Mission Simulator, Space Station Training Facility
- B9 – International Space Station mockups and trainer facility, virtual reality for EVA, air-bearing floor, shuttle/space station hydraulic hardware arms.
- B9S – Composites Manufacturing
- B220 – X-38, Laser Tracker
- SCTF – Neutral Buoyancy Laboratory
- Ellington Field – Shuttle Training Aircraft, T-38s, WB-57, Shuttle Carrier Aircraft.

Individual tours can be arranged, as warranted from booths in core buildings for the following sites:

- B12 – JSC Language Education Center
- B15 – Receiving Inspection and Testing Laboratory
- B17 – Integrated Design Center
- B222 – Atmospheric Reentry Materials and Structures Evaluation Facility